SEQUENCE LISTING

<110> Fletchner, J.
Prince-Cohane, K.
Mehta, S.
Slusarewicz, P.
Andjelic, S.
Barber, B.

<120> IMPROVED HEAT SHOCK PROTEIN-BASED VACCINES AND IMMUNOTHERAPIES

<130> 8449-406-999

<140> 10/820,067
<141> 2004-04-08

<150> 60/462,469
<151> 2003-04-11

<150> 60/463,746
<151> 2003-04-18

<150> 60/503,417
<151> 2003-09-16

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      shock protein

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shock protein

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<213> Mouse Cytomegalovirus (MCMV)

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<210> 107
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Thr Glu Thr Pro Tyr Pro Thr
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Leu Thr Thr Pro Phe Ser Ser
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Gly Val Pro Leu Thr Met Asp
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Lys Leu Pro Thr Val Leu Arg
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Cys Arg Phe His Gly Asn Arg
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Tyr Thr Arg Asp Phe Glu Ala
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Ser Ser Ala Ala Gly Pro Arg
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Thr Val Gln His Val Ala Phe
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Asp Tyr Ser Phe Pro Pro Leu
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Val Gly Ser Met Glu Ser Leu
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Ile Ala Thr Lys Thr Pro Lys
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Lys Pro Pro Leu Phe Gln Ile
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Tyr His Thr Ala His Asn Met
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Ser Ser Phe Ala Thr Phe Leu
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Ala Ser Phe Asp Leu Leu Ile
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Lys Met Thr Pro Leu Thr Thr
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Ala Asn Ala Thr Pro Leu Leu
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Thr Ile Trp Pro Pro Pro Val
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Gln Thr Lys Val Met Thr Thr
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Asn His Ala Val Phe Ala Ser
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Thr Ala His Asp Leu Thr Val
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Asn Met Thr Asn Met Leu Thr
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Ser His Leu Tyr Arg Ser Ser
 1   5

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His Gly Gln Ala Trp Gln Phe
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<210> 627
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Tyr Leu Lys Gln Ala Thr Ala Lys
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<210> 628
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Trp residue

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Gly Lys Trp Val Tyr Ile Gly Trp
1 5

<210> 629
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Trp residue

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1 5

<210> 630
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<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

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Lys Trp Val His Leu Phe Gly Trp
1 5

<210> 631
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<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 631
Arg Leu Val Leu Val Leu Gly Trp
1 5

<210> 632
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 632
Trp Lys Trp Gly Ile Tyr Gly Trp
1 5

<210> 633
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 633
Ser Ser His Ala Ser Ala Gly Trp
1 5

<210> 634
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 634
Trp Gly Pro Trp Ser Phe Gly Trp
1 5

<210> 635
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 635
Ala Ile Pro Gly Lys Val Gly Trp
1 5

<210> 636
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 636
Arg Val His Asp Pro Ala Gly Trp

1 5

<210> 637
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 637
Arg Ser Val Ser Ser Phe Gly Trp
1 5

<210> 638
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 638
Leu Gly Thr Arg Lys Gly Gly Trp
1 5

<210> 639
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 639
Lys Asp Pro Leu Phe Asn Gly Trp
1 5

<210> 640
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 640
Leu Ser Gln His Thr Asn Gly Trp
1 5

<210> 641
<211> 8

<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 641
Asn Arg Leu Leu Leu Thr Gly Trp
1 5

<210> 642
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 642
Tyr Pro Leu Trp Val Ile Gly Trp
1 5

<210> 643
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 643
Leu Leu Ile Ile Asp Arg Gly Trp
1 5

<210> 644
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 644
Arg Val Ile Ser Leu Gln Gly Trp
1 5

<210> 645
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal

Trp residue

<400> 645
Glu Val Ser Arg Glu Asp Gly Trp
1 5

<210> 646
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 646
Ser Ile Leu Arg Ser Thr Gly Trp
1 5

<210> 647
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 647
Pro Gly Leu Val Trp Leu Gly Trp
1 5

<210> 648
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 648
Val Lys Lys Leu Tyr Ile Gly Trp
1 5

<210> 649
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 649
Asn Asn Arg Leu Leu Asp Gly Trp
1 5

<210> 650
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 650
Ser Lys Gly Arg Trp Gly Gly Trp
1 5

<210> 651
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 651
Ile Arg Pro Ser Gly Ile Gly Trp
1 5

<210> 652
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 652
Ala Ser Leu Cys Pro Thr Gly Trp
1 5

<210> 653
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 653
Asp Val Pro Gly Leu Arg Gly Trp
1 5

<210> 654
<211> 8
<212> PRT

<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 654
Arg His Arg Glu Val Gln Gly Trp
1 5

<210> 655
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 655
Leu Ala Arg Lys Arg Ser Gly Trp
1 5

<210> 656
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 656
Ser Val Leu Asp His Val Gly Trp
1 5

<210> 657
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 657
Asn Leu Leu Arg Arg Ala Gly Trp
1 5

<210> 658
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 658
Ser Gly Ile Ser Ala Trp Gly Trp
 1   5

<210> 659
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
      Trp residue

<400> 659
Phe Tyr Phe Trp Val Arg Gly Trp
 1   5

<210> 660
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
      Trp residue

<400> 660
Lys Leu Phe Leu Pro Leu Gly Trp
 1   5

<210> 661
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
      Trp residue

<400> 661
Thr Pro Thr Leu Ser Asp Gly Trp
 1   5

<210> 662
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
      Trp residue

<400> 662
Thr His Ser Leu Ile Leu Gly Trp
 1   5

<210> 663
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 663
Leu Leu Leu Leu Ser Arg Gly Trp
1 5

<210> 664
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 664
Leu Leu Arg Val Arg Ser Gly Trp
1 5

<210> 665
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 665
Glu Arg Arg Ser Arg Gly Gly Trp
1 5

<210> 666
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 666
Arg Met Leu Gln Leu Ala Gly Trp
1 5

<210> 667
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 667
Arg Gly Trp Ala Asn Ser Gly Trp
1 5

<210> 668
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 668
Arg Pro Phe Tyr Ser Tyr Gly Trp
1 5

<210> 669
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 669
Ser Ser Ser Trp Asn Ala Gly Trp
1 5

<210> 670
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 670
Leu Gly His Leu Glu Glu Gly Trp
1 5

<210> 671
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 671
Ser Ala Val Thr Asn Thr Gly Trp
1 5

<210> 672
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 672
Phe Tyr Gln Leu Ala Leu Thr
1 5

<210> 673
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 673
Phe Tyr Gln Leu Ala Leu Thr Trp
1 5

<210> 674
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 674
Arg Lys Leu Phe Phe Asn Leu Arg
1 5

<210> 675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 675
Arg Lys Leu Phe Phe Asn Leu Arg Trp
1 5

<210> 676
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 676
Lys Phe Glu Arg Gln
 1   5

<210> 677
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 677
Asn Ile Val Arg Lys Lys Lys
 1   5

<210> 678
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain

<400> 678
Arg Gly Tyr Val Tyr Gln Gly Leu
 1   5

<210> 679
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
      Trp residue

<400> 679
Asn Leu Leu Arg Leu Thr Gly Trp
 1   5

<210> 680
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
      Trp residue

<400> 680
Phe Tyr Gln Leu Ala Leu Tyr Trp
 1   5

<210> 681
<211> 9
<212> PRT
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<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 681
Arg Lys Leu Phe Phe Asn Leu Arg Trp
1 5

<210> 682
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 682
Leu Arg Arg Ala Ser Leu Trp
1 5

<210> 683
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 683
Leu Arg Arg Trp Ser Leu Trp
1 5

<210> 684
<211> 7
<212> PRT
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<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 684
Lys Trp Val His Leu Phe Trp

1 5

<210> 685
<211> 7

<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 685
Asn Arg Leu Leu Leu Thr Trp
1 5

<210> 686
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 686
Ala Arg Leu Leu Leu Thr Trp
1 5

<210> 687
<211> 7
<212> PRT
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<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 687
Asn Ala Leu Leu Leu Thr Trp
1 5

<210> 688
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 688
Asn Arg Leu Ala Leu Thr Trp
1 5

<210> 689
<211> 7
<212> PRT
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<220>
<223> Heat shock protein binding domain with a terminal

Trp residue

<400> 689
Asn Leu Leu Arg Leu Thr Trp
1 5

<210> 690
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 690
Asn Arg Leu Trp Leu Thr Trp
1 5

<210> 691
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 691
Asn Arg Leu Leu Leu Ala Trp
1 5

<210> 692
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 692
Phe Tyr Gln Leu Ala Leu Thr Trp
1 5

<210> 693
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 693
Phe Tyr Gln Leu Ala Leu Thr Trp

1 5

<210> 694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 694
Arg Lys Leu Phe Phe Asn Leu Arg Trp
1 5

<210> 695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 695
Arg Lys Leu Phe Phe Asn Leu Arg Trp
1 5

<210> 696
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 696
Lys Phe Glu Arg Gln Trp
1 5

<210> 697
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal Trp residue

<400> 697
Asn Ile Val Arg Lys Lys Lys Trp
1 5

<210> 698

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with a terminal
Trp residue

<400> 698
Arg Gly Tyr Val Tyr Gln Gly Leu Trp
1 5

<210> 699
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Linker for forming hybrid antigen

<400> 699
Phe Phe Arg Lys
1

<210> 700
<211> 4
<212> PRT
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<220>
<223> Linker for forming hybrid antigen

<400> 700
Ala Lys Val Leu
1

<210> 701
<211> 4
<212> PRT
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<220>
<223> Linker for forming hybrid antigen

<400> 701
Phe Arg Lys Asn
1

<210> 702
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Linker for forming hybrid antigen

<400> 702

Phe Phe Arg Lys Asn
1 5

<210> 703
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 703
Tyr Thr Leu Val Gln Pro Leu Trp
1 5

<210> 704
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 704
Thr Pro Asp Ile Thr Pro Lys Trp
1 5

<210> 705
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 705
Thr Tyr Pro Asp Leu Arg Tyr Trp
1 5

<210> 706
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 706
Asp Arg Thr His Ala Thr Ser Trp
1 5

<210> 707

<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 707
Met Ser Thr Thr Phe Tyr Ser Trp
1 5

<210> 708
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 708
Tyr Gln His Ala Val Gln Thr Trp
1 5

<210> 709
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 709
Phe Pro Phe Ser Ala Ser Thr Trp
1 5

<210> 710
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 710
Ser Ser Phe Pro Pro Leu Asp Trp
1 5

<210> 711
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 711
Met Ala Pro Ser Pro Pro His Trp
1 5

<210> 712
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 712
Ser Ser Phe Pro Asp Leu Leu Trp
1 5

<210> 713
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 713
His Ser Tyr Asn Arg Leu Pro Trp
1 5

<210> 714
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 714
His Leu Thr His Ser Gln Arg Trp
1 5

<210> 715
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 715
Gln Ala Ala Gln Ser Arg Ser Trp

1 5

<210> 716
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 716
Phe Ala Thr His His Ile Gly Trp
1 5

<210> 717
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 717
Ser Met Pro Glu Pro Leu Ile Trp
1 5

<210> 718
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 718
Ile Pro Arg Tyr His Leu Ile Trp
1 5

<210> 719
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 719
Ser Ala Pro His Met Thr Ser Trp
1 5

<210> 720

<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 720
Lys Ala Pro Val Trp Ala Ser Trp
1 5

<210> 721
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 721
Leu Pro His Trp Leu Leu Ile Trp
1 5

<210> 722
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 722
Ala Ser Ala Gly Tyr Gln Ile Trp
1 5

<210> 723
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 723
Val Thr Pro Lys Thr Gly Ser Trp
1 5

<210> 724
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 724
Glu His Pro Met Pro Val Leu Trp
1 5

<210> 725
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 725
Val Ser Ser Phe Val Thr Ser Trp
1 5

<210> 726
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 726
Ser Thr His Phe Thr Trp Pro Trp
1 5

<210> 727
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 727
Gly Gln Trp Trp Ser Pro Asp Trp
1 5

<210> 728
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 728

Gly Pro Pro His Gln Asp Ser Trp
1 5

<210> 729
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 729
Asn Thr Leu Pro Ser Thr Ile Trp
1 5

<210> 730
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 730
His Gln Pro Ser Arg Trp Val Trp
1 5

<210> 731
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 731
Tyr Gly Asn Pro Leu Gln Pro Trp
1 5

<210> 732
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 732
Phe His Trp Trp Trp Gln Pro Trp
1 5

<210> 733
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 733
Ile Thr Leu Lys Tyr Pro Leu Trp
1 5

<210> 734
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 734
Phe His Trp Pro Trp Leu Phe Trp
1 5

<210> 735
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 735
Thr Ala Gln Asp Ser Thr Gly Trp
1 5

<210> 736
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 736
Phe His Trp Trp Trp Gln Pro Trp
1 5

<210> 737
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 737
Phe His Trp Trp Asp Trp Trp Trp
1 5

<210> 738
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 738
Glu Pro Phe Phe Arg Met Gln Trp
1 5

<210> 739
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 739
Thr Trp Trp Leu Asn Tyr Arg Trp
1 5

<210> 740
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 740
Phe His Trp Trp Trp Gln Pro Trp
1 5

<210> 741
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 741

Gln Pro Ser His Leu Arg Trp Trp
1 5

<210> 742
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 742
Ser Pro Ala Ser Pro Val Tyr Trp
1 5

<210> 743
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 743
Phe His Trp Trp Trp Gln Pro Trp
1 5

<210> 744
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 744
His Pro Ser Asn Gln Ala Ser Trp
1 5

<210> 745
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 745
Asn Ser Ala Pro Arg Pro Val Trp
1 5

<210> 746

<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 746
Gln Leu Trp Ser Ile Tyr Pro Trp

1 5

<210> 747
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 747
Ser Trp Pro Phe Phe Asp Leu Trp
1 5

<210> 748
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 748
Asp Thr Thr Leu Pro Leu His Trp
1 5

<210> 749
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 749
Trp His Trp Gln Met Leu Trp Trp
1 5

<210> 750
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 750
Asp Ser Phe Arg Thr Pro Val Trp
1 5

<210> 751
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 751
Thr Ser Pro Leu Ser Leu Leu Trp
1 5

<210> 752
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 752
Ala Tyr Asn Tyr Val Ser Asp Trp
1 5

<210> 753
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 753
Arg Pro Leu His Asp Pro Met Trp
1 5

<210> 754
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 754

Trp Pro Ser Thr Thr Leu Phe Trp
1 5

<210> 755
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 755
Ala Thr Leu Glu Pro Val Arg Trp
1 5

<210> 756
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 756
Ser Met Thr Val Leu Arg Pro Trp
1 5

<210> 757
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 757
Gln Ile Gly Ala Pro Ser Trp Trp
1 5

<210> 758
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 758
Ala Pro Asp Leu Tyr Val Pro Trp
1 5

<210> 759

<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 759
Arg Met Pro Pro Leu Leu Pro Trp
1 5

<210> 760
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 760
Ala Lys Ala Thr Pro Glu His Trp
1 5

<210> 761
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 761
Thr Pro Pro Leu Arg Ile Asn Trp
1 5

<210> 762
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 762
Leu Pro Ile His Ala Pro His Trp
1 5

<210> 763
<211> 8
<212> PRT
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<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 763
Asp Leu Asn Ala Tyr Thr His Trp
1 5

<210> 764
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 764
Val Thr Leu Pro Asn Phe His Trp
1 5

<210> 765
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 765
Asn Ser Arg Leu Pro Thr Leu Trp
1 5

<210> 766
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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"Trp" residue

<400> 766
Tyr Pro His Pro Ser Arg Ser Trp
1 5

<210> 767
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 767
Gly Thr Ala His Phe Met Tyr Trp

1 5

<210> 768
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 768
Tyr Ser Leu Leu Pro Thr Arg Trp
1 5

<210> 769
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 769
Leu Pro Arg Arg Thr Leu Leu Trp
1 5

<210> 770
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 770
Thr Ser Thr Leu Leu Trp Lys Trp
1 5

<210> 771
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 771
Thr Ser Asp Met Lys Pro His Trp
1 5

<210> 772
<211> 8

<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 772
Thr Ser Ser Tyr Leu Ala Leu Trp
1 5

<210> 773
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 773
Asn Leu Tyr Gly Pro His Asp Trp
1 5

<210> 774
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 774
Leu Glu Thr Tyr Thr Ala Ser Trp
1 5

<210> 775
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 775
Ala Tyr Lys Ser Leu Thr Gln Trp
1 5

<210> 776
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal

"Trp" residue

<400> 776
Ser Thr Ser Val Tyr Ser Ser Trp
1 5

<210> 777
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 777
Glu Gly Pro Leu Arg Ser Pro Trp
1 5

<210> 778
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 778
Thr Thr Tyr His Ala Leu Gly Trp
1 5

<210> 779
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 779
Val Ser Ile Gly His Pro Ser Trp
1 5

<210> 780
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 780
Thr His Ser His Arg Pro Ser Trp
1 5

<210> 781
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 781
Ile Thr Asn Pro Leu Thr Thr Trp
1 5

<210> 782
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 782
Ser Ile Gln Ala His His Ser Trp
1 5

<210> 783
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 783
Leu Asn Trp Pro Arg Val Leu Trp
1 5

<210> 784
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 784
Tyr Tyr Tyr Ala Pro Pro Pro Trp
1 5

<210> 785
<211> 8

<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 785
Ser Leu Trp Thr Arg Leu Pro Trp
1 5

<210> 786
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 786
Asn Val Tyr His Ser Ser Leu Trp
1 5

<210> 787
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 787
Asn Ser Pro His Pro Pro Thr Trp
1 5

<210> 788
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 788
Val Pro Ala Lys Pro Arg His Trp
1 5

<210> 789
<211> 8
<212> PRT
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<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 789
His Asn Leu His Pro Asn Arg Trp
1 5

<210> 790
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 790
Tyr Thr Thr His Arg Trp Leu Trp
1 5

<210> 791
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 791
Ala Val Thr Ala Ala Ile Val Trp
1 5

<210> 792
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 792
Thr Leu Met His Asp Arg Val Trp
1 5

<210> 793
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 793
Thr Pro Leu Lys Val Pro Tyr Trp

1 5

<210> 794
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 794
Phe Thr Asn Gln Gln Tyr His Trp
1 5

<210> 795
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 795
Ser His Val Pro Ser Met Ala Trp
1 5

<210> 796
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 796
His Thr Thr Val Tyr Gly Ala Trp
1 5

<210> 797
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 797
Thr Glu Thr Pro Tyr Pro Thr Trp
1 5

<210> 798

<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 798
Leu Thr Thr Pro Phe Ser Ser Trp
1 5

<210> 799
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 799
Gly Val Pro Leu Thr Met Asp Trp
1 5

<210> 800
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 800
Lys Leu Pro Thr Val Leu Arg Trp
1 5

<210> 801
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 801
Cys Arg Phe His Gly Asn Arg Trp
1 5

<210> 802
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 802
Tyr Thr Arg Asp Phe Glu Ala Trp
1 5

<210> 803
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 803
Ser Ser Ala Ala Gly Pro Arg Trp
1 5

<210> 804
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 804
Ser Leu Ile Gln Tyr Ser Arg Trp
1 5

<210> 805
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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"Trp" residue

<220>
<221> VARIANT
<222> 7
<223> Xaa = Any Amino Acid

<400> 805
Asp Ala Leu Met Trp Pro Xaa Trp
1 5

<210> 806
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<220>
<221> VARIANT
<222> 3
<223> Xaa = Any Amino Acid

<400> 806
Ser Ser Xaa Ser Leu Tyr Ile Trp
1 5

<210> 807
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 807
Phe Asn Thr Ser Thr Arg Thr Trp
1 5

<210> 808
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 808
Thr Val Gln His Val Ala Phe Trp
1 5

<210> 809
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 809
Asp Tyr Ser Phe Pro Pro Leu Trp
1 5

<210> 810
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 810
Val Gly Ser Met Glu Ser Leu Trp
1 5

<210> 811
<211> 8
<212> PRT
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<220>
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"Trp" residue

<220>
<221> VARIANT
<222> 2, 6
<223> Xaa = Any Amino Acid

<400> 811
Phe Xaa Pro Met Ile Xaa Ser Trp
1 5

<210> 812
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 812
Ala Pro Pro Arg Val Thr Met Trp
1 5

<210> 813
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 813
Ile Ala Thr Lys Thr Pro Lys Trp
1 5

<210> 814
<211> 8
<212> PRT
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<220>

<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 814
Lys Pro Pro Leu Phe Gln Ile Trp
1 5

<210> 815
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 815
Tyr His Thr Ala His Asn Met Trp
1 5

<210> 816
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 816
Ser Tyr Ile Gln Ala Thr His Trp
1 5

<210> 817
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 817
Ser Ser Phe Ala Thr Phe Leu Trp
1 5

<210> 818
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 818
Thr Thr Pro Pro Asn Phe Ala Trp

1 5

<210> 819
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 819
Ile Ser Leu Asp Pro Arg Met Trp
1 5

<210> 820
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 820
Ser Leu Pro Leu Phe Gly Ala Trp
1 5

<210> 821
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 821
Asn Leu Leu Lys Thr Thr Leu Trp
1 5

<210> 822
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 822
Asp Gln Asn Leu Pro Arg Arg Trp
1 5

<210> 823
<211> 8

<212> PRT
<213> Artificial Sequence

<220>
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"Trp" residue

<400> 823
Ser His Phe Glu Gln Leu Leu Trp
1 5

<210> 824
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 824
Thr Pro Gln Leu His His Gly Trp
1 5

<210> 825
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 825
Ala Pro Leu Asp Arg Ile Thr Trp
1 5

<210> 826
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 826
Phe Ala Pro Leu Ile Ala His Trp
1 5

<210> 827
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 827
Ser Trp Ile Gln Thr Phe Met Trp
1 5

<210> 828
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 828
Asn Thr Trp Pro His Met Tyr Trp
1 5

<210> 829
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 829
Glu Pro Leu Pro Thr Thr Leu Trp
1 5

<210> 830
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 830
His Gly Pro His Leu Phe Asn Trp
1 5

<210> 831
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal "Trp" residue

<400> 831
Tyr Leu Asn Ser Thr Leu Ala Trp
1 5

<210> 832
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 832
His Leu His Ser Pro Ser Gly Trp
1 5

<210> 833
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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"Trp" residue

<400> 833
Thr Leu Pro His Arg Leu Asn Trp
1 5

<210> 834
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 834
Ser Ser Pro Arg Glu Val His Trp
1 5

<210> 835
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 835
Asn Gln Val Asp Thr Ala Arg Trp
1 5

<210> 836
<211> 8
<212> PRT

<213> Artificial Sequence

<220>
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"Trp" residue

<400> 836
Tyr Pro Thr Pro Leu Leu Thr Trp
1 5

<210> 837
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 837
His Pro Ala Ala Phe Pro Trp Trp
1 5

<210> 838
<211> 8
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<220>
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"Trp" residue

<400> 838
Leu Leu Pro His Ser Ser Ala Trp
1 5

<210> 839
<211> 8
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<220>
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"Trp" residue

<400> 839
Leu Glu Thr Tyr Thr Ala Ser Trp
1 5

<210> 840
<211> 8
<212> PRT
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"Trp" residue

<400> 840
Lys Tyr Val Pro Leu Pro Pro Trp
 1   5

<210> 841
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 841
Ala Pro Leu Ala Leu His Ala Trp
 1   5

<210> 842
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 842
Tyr Glu Ser Leu Leu Thr Lys Trp
 1   5

<210> 843
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 843
Ser His Ala Ala Ser Gly Thr Trp
 1   5

<210> 844
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 844
Gly Leu Ala Thr Val Lys Ser Trp
 1   5

<210> 845
<211> 8
<212> PRT
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<220>
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"Trp" residue

<400> 845
Gly Ala Thr Ser Phe Gly Leu Trp
1 5

<210> 846
<211> 8
<212> PRT
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<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 846
Lys Pro Pro Gly Pro Val Ser Trp
1 5

<210> 847
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 847
Thr Leu Tyr Val Ser Gly Asn Trp
1 5

<210> 848
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 848
His Ala Pro Phe Lys Ser Gln Trp
1 5

<210> 849
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 849
Val Ala Phe Thr Arg Leu Pro Trp
1 5

<210> 850
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 850
Leu Pro Thr Arg Thr Pro Ala Trp
1 5

<210> 851
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 851
Ala Ser Phe Asp Leu Leu Ile Trp
1 5

<210> 852
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 852
Arg Met Asn Thr Glu Pro Pro Trp
1 5

<210> 853
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 853

Lys Met Thr Pro Leu Thr Thr Trp
 1   5

<210> 854
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 854
Ala Asn Ala Thr Pro Leu Leu Trp
 1   5

<210> 855
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 855
Thr Ile Trp Pro Pro Pro Val Trp
 1   5

<210> 856
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 856
Gln Thr Lys Val Met Thr Thr Trp
 1   5

<210> 857
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
      "Trp" residue

<400> 857
Asn His Ala Val Phe Ala Ser Trp
 1   5

<210> 858
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<220>
<221> VARIANT
<222> 5
<223> Xaa = Any Amino Acid

<400> 858
Leu His Ala Ala Xaa Thr Ser Trp
1 5

<210> 859
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 859
Thr Trp Gln Pro Tyr Phe His Trp
1 5

<210> 860
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 860
Ala Pro Leu Ala Leu His Ala Trp
1 5

<210> 861
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 861
Thr Ala His Asp Leu Thr Val Trp
1 5

<210> 862
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 862
Asn Met Thr Asn Met Leu Thr Trp
1 5

<210> 863
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 863
Gly Ser Gly Leu Ser Gln Asp Trp
1 5

<210> 864
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 864
Thr Pro Ile Lys Thr Ile Tyr Trp
1 5

<210> 865
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 865
Ser His Leu Tyr Arg Ser Ser Trp
1 5

<210> 866
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock protein binding domain with terminal
"Trp" residue

<400> 866
His Gly Gln Ala Trp Gln Phe Trp
1 5

<210> 867
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 867
Asn Leu Leu Arg Leu Thr Gly Trp
1 5

<210> 868
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 868
Ser Ile Ile Asn Phe Glu Lys Leu
1 5

<210> 869
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 869
His Trp Asp Phe Ala Trp Pro Trp
1 5

<210> 870
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 870
Asn Leu Leu Arg Leu Thr Gly Trp
1 5

<210> 871
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 871
Phe Tyr Gln Leu Ala Leu Thr Trp
1 5

<210> 872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 872
Arg Lys Leu Phe Phe Asn Leu Arg Trp
1 5

<210> 873
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 873
Ala Leu Phe Asp Ile Glu Ser Lys Val
1 5

<210> 874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 874
Ile Met Asp Gln Val Pro Phe Ser Val
1 5

<210> 875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 875
Tyr Met Asp Gly Thr Met Ser Gln Val
 1   5

<210> 876
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 876
Thr Leu Gly Ile Val Cys Pro Ile
 1   5

<210> 877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 877
Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr
 1   5   10

<210> 878
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 878
Ala Leu Phe Asp Ile Glu Ser Lys Val Gly Ser Gly His Trp Asp Phe
 1   5   10   15
Ala Trp Pro Trp
            20

<210> 879
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 879
Arg Gly Tyr Val Tyr Gln Gly Leu
 1   5

<210> 880
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 880
Asn Leu Leu Arg Leu Thr Gly Trp Gly Ser Gly Ser Ile Ile Asn Phe
 1   5   10   15
Glu Lys Leu

<210> 881
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 881
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Ile Ile Asn
 1   5   10   15
Phe Glu Lys Leu
            20

<210> 882
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 882
Asn Leu Leu Arg Leu Thr Gly Trp Arg Lys Ser Ile Ile Asn Phe Glu
 1   5   10   15
Lys Leu

<210> 883
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 883
Asn Leu Leu Arg Leu Thr Gly Trp Gly Ser Gly Arg Gly Tyr Val Tyr
 1   5   10   15
Gln Gly Leu

<210> 884
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 884
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Arg Gly Tyr Val
 1   5   10   15
Tyr Gln Gly Leu
            20

<210> 885
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 885
Asn Leu Leu Arg Leu Thr Gly Trp Arg Lys Arg Gly Tyr Val Tyr Gln
 1   5   10   15
Gly Leu

<210> 886
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 886
Asn Leu Leu Arg Leu Thr Gly Trp Ala Lys Val Leu Ser Ile Ile Asn
 1   5   10   15
Phe Glu Lys Leu
            20

<210> 887
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 887
Asn Leu Leu Arg Leu Thr Gly Trp Gln Leu Lys Ser Ile Ile Asn Phe
 1   5   10   15
Glu Lys Leu

<210> 888

<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 888
Asn Leu Leu Arg Leu Thr Gly Trp Phe Arg Ser Ile Ile Asn Phe Glu
 1   5   10   15
Lys Leu

<210> 889
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 889
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ile Met Asp Gln
 1   5   10   15
Val Pro Phe Ser Val
            20

<210> 890
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 890
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Tyr Met Asp Gly
 1   5   10   15
Thr Met Ser Gln Val
            20

<210> 891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 891
Phe Ala Pro Gly Asn Tyr Pro Ala Leu
 1   5

<210> 892
<211> 21
<212> PRT

<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 892
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Phe Ala Pro Gly
 1   5   10   15
Asn Tyr Pro Ala Leu
            20

<210> 893
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 893
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Glu Leu Ala Gly
 1   5   10   15
Ile Gly Ile Leu Thr Val
            20

<210> 894
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 894
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Leu Leu Met
 1   5   10   15
Trp Ile Thr Gln Val
            20

<210> 895
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 895
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Val Tyr Asp
 1   5   10   15
Phe Phe Val Trp Leu
            20

<210> 896
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 896
Gly Leu Tyr Asp Gly Met Glu His Leu Gly Ser Gly Asn Leu Leu Arg
 1   5   10   15
Leu Thr Gly Trp
            20

<210> 897
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 897
Tyr Leu Glu Pro Gly Pro Val Thr Val Gly Ser Gly Asn Leu Leu Arg
 1   5   10   15
Leu Thr Gly Trp
            20

<210> 898
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 898
Lys Ala Ser Glu Lys Ile Phe Tyr Val Gly Ser Gly Asn Leu Leu Arg
 1   5   10   15
Leu Thr Gly Trp
            20

<210> 899
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 899
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Ser Trp Asp
 1   5   10   15
Phe Ile Thr Val
            20

<210> 900
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 900
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Ile Ile Asn
 1   5   10   15
Phe Glu Lys Leu Phe Phe Arg Lys Arg Gly Tyr Val Tyr Gly Leu
            20   25   30

<210> 901
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 901
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Arg Gly Tyr Val
 1   5   10   15
Tyr Gln Gly Leu Phe Phe Arg Lys Ser Ile Ile Asn Phe Glu Lys Leu
            20   25   30

<210> 902
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 902
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Ile Ile Asn
 1   5   10   15
Phe Glu Lys Leu Phe Phe Arg Lys Arg Gly Tyr Val Tyr Gln Gly Leu
            20   25   30

<210> 903
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 903
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Arg Gly Tyr Val
 1   5   10   15
Tyr Gln Gly Leu Phe Phe Arg Lys Ser Ile Ile Asn Phe Glu Lys Leu
            20   25   30

<210> 904
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Heat shock-protein binding motif to form hybrid antigen

<400> 904
Ile Ala Tyr Phe Tyr Pro Glu Leu
 1   5

<210> 905
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 905
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Ile Ile Asn
 1   5   10   15
Phe Glu Lys Leu Phe Phe Arg Lys Arg Gly Tyr Val Tyr Gln Gly Leu
            20   25   30

<210> 906
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 906
Arg Thr Phe Ser Phe Gln Leu Ile
 1   5

<210> 907
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 907
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Arg Thr Phe Ser
 1   5   10   15
Phe Gln Leu Ile
            20

<210> 908
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 908
Thr Glu Trp Thr Ser Ser Asn Val Met Glu Glu Arg Lys Ile Lys Val

1 5 10 15

<210> 909
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 909
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Thr Glu Trp Thr
1 5 10 15
Ser Ser Asn Val Met Glu Glu Arg Lys Ile Lys Val
20 25

<210> 910
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 910
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Asp Ala Pro Ile
1 5 10 15
Tyr Thr Asn Val
20

<210> 911
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 911
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Ser Trp Asp
1 5 10 15
Phe Ile Thr Val
20

<210> 912
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 912
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Arg Thr Phe Ser
1 5 10 15
Phe Gln Leu Ile
20

<210> 913
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 913
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ile Ala Tyr Phe
 1   5   10   15
Tyr Pro Glu Leu
            20

<210> 914
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 914
Ser Ser Trp Asp Phe Ile Thr Val
 1   5

<210> 915
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 915
Asp Ala Pro Ile Tyr Thr Asn Val
 1   5

<210> 916
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 916
Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser Ala
 1   5   10   15
Ser His Leu

<210> 917
<211> 31

<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 917
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Asn Asn Phe Thr
 1   5   10   15
Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser Ala Ser His Leu
            20   25   30

<210> 918
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 918
Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu
 1   5   10

<210> 919
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 919
His Trp Asp Phe Ala Trp Pro Trp Asn Gly Ser Gly Asn Asn Phe Thr
 1   5   10   15
Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser Ala Ser His Leu
            20   25   30

<210> 920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 920
Ser Val Tyr Asp Phe Phe Val Trp Leu
 1   5

<210> 921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Heat shock-protein binding motif to form hybrid antigen

<400> 921
Val Ile Tyr Gln Tyr Met Asp Asp Leu
 1   5

<210> 922
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 922
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ile Leu Lys Glu
 1   5   10   15
Pro Val His Gly Val
            20

<210> 923
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 923
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Val Ile Tyr Gln
 1   5   10   15
Tyr Met Asp Asp Leu
            20

<210> 924
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 924
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Ser Leu Tyr Asn
 1   5   10   15
Thr Val Ala Thr Leu
            20

<210> 925
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 925
Asn Leu Leu Arg Leu Thr Gly Trp Phe Phe Arg Lys Thr Pro Pro Ala
 1   5   10   15

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Tyr Arg Pro Pro Asn Ala Pro Ile Leu
            20                  25


<210> 926
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Hybrid antigen

<400> 926
Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser Ala
 1               5                  10                  15
Ser His Leu Gly Ser Gly Asn Leu Leu Arg Leu Thr Gly Trp
            20                  25                  30
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